Approved For Release 2004/12/17 : CIA-RDP70B00783R000100140014-3

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ROUTING

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2	"	5	
3	DD/R&D	6	

TOP SECRET

PRIORITY

DATE : 17152 12 SEPT 59

25X1

TO : DIRECTOR

FROM : [redacted]

ACTION: DPD (1-2-3-4-5-6-7-8-9-10)

INFO : S/C (11)

JHP

25X1

TOR: 19122 12 SEPT 59

	CIRCULATE	INITIAL
	X-REF	
V	FILE	

PRIORITY

25X1

IN 07215

TO [redacted] INFO CITE [redacted]

25X1

ATTN: [redacted]

25X1 REF [redacted] (OUT 50687)

COR/ARGON RT-100?

1. LMSD HAS CONDUCTED A COMPREHENSIVE REVIEW OF THE PROGRAM IN ACCORDANCE WITH THE UNDERSTANDING REACHED AT THE 24 AUGUST MEETING. THIS REVIEW OF HARDWARE AND COSTS, CONDUCTED WITH SUB-CONTRACTORS' MANAGEMENT AND TECHNICAL REPRESENTATIVES, RESULTS IN A BUDGETARY ESTIMATE OF [redacted] COVERING 6 FLIGHT UNITS INCLUDING NECESSARY SPARE UNITS AND RELATED QUALIFICATION TEST UNITS AND GROUND SUPPORT EQUIPMENT. NOT INCUDED IN THESE CONSIDERATIONS ARE THE DOPPLER TRACKING SYSTEM AND SECONDARY PROGRAMMER, WHICH FOR TECHNICAL OR FUNDING CONSIDERATIONS ARE ASSUMED TO BE FUNDED ON A WHITE CONTRACT. THIS BUDGETARY ESTIMATE IS ALLOCATED AS FOLLOWS:

25X1

25X1

GENERAL ELECTRIC [redacted]

FCIC

ITEK

TOP SECRET

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NRO review(s) completed.

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25X1

TOP SECRET

TOP SECRET

[redacted] (IN 07215)

LMSD

25X1

TOTAL [redacted]

THIS BUDGETARY ESTIMATE IS BASED ON A PROGRAM OF SIX FLIGHT ARTICLES IN ORDER THAT AT LEAST FOUR SATISFACTORY MISSIONS WILL BE ACHIEVED. LMSD STRONGLY RECOMMENDS APPROVAL OF THE PROGRAM AS ABOVE STATED.

2. TECHNICAL CONSIDERATIONS CONTRIBUTING PRIMARILY TO THE REDUCED BUDGETARY ESTIMATE ARE IN THE RECOVERY SYSTEM AREA, WHERE IT IS ASSUMED THAT THE CORONA FOLLOW-ON AND ARGON RECOVERY UNITS WOULD BE BASICALLY IDENTICAL AND THE FOLLOWING FEATURES WILL BE DEVELOPED ON THE CORONA FOLLOW-ON PROGRAM:

1. NYLON HEAT SHIELD.
2. SHIELD NOSE THICKNESS AND BALLAST REMOVAL.
3. SHIELD WALL THICKNESS TRIM.
4. IMPROVED RECOVERY EQUIPMENT, INCLUDING REVISED BEACON, CENTRAL POWER SUPPLY, BEACON POWER CONVERTER, BEACON "ON" DURING ORBIT, PRE-REENTRY BEACON ANTENNA AND IMPROVED POST-REENTRY BEACON ANTENNA.
5. RELIABILITY IMPROVEMENTS IN AREAS OF POWER MARGIN PYROTECHNICS, PROGRAMMER AND TIMER SIMPLIFICATION AND MODIFICATION.
6. ACCESSIBILITY AND MAINTAINABILITY IMPROVEMENTS.

IT IS ASSUMED THAT THE FOLLOWING ITEMS WOULD BE SHARED BY BOTH PROGRAMS

1. FIELD SUPPORT
2. REPORTS - TECHNICAL AND OTHER.

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25X1

25X1

3. LMSD REALIZES THAT THE ABOVE BUDGETARY ESTIMATE IS IN EXCESS OF THE CUSTOMER-RECOMMENDED [redacted] BECAUSE OF THE SEMI-FIXED DEVELOPMENT COST. ATTEMPTS TO REDUCE THE COST TO THE RECOMMENDED AMOUNT WOULD REQUIRE THE REDUCTION OF THE FLIGHT UNITS TO THREE. FURTHER, THIS WOULD PRECLUDE THE PROVISION OF ANY SPARE UNITS AND WOUL REDUCE THE RELIABILITY BY THE RECUIRED REDUCTION OF QUALITY ASSURANCE AND FIELD SUPPORT. LMSD IS OF THE OPINION THAT SUCH AN APPROACH WOULD JEOPARDIZE THE SUCCESS OF THE MISSIONS TO AN UNWARRANTED DEGREE IN COMPARISON TO THE RELATIVELY MINOR COST DIFFERENTIAL INVOLVED.

4. LMSD RESPECTFULLY SUGGEST THAT A MEETING BE ARRANGED AT YOUR EARLIEST CONVENIENCE AT LMSD TO DISCUSS THE TECHNICAL AND FISCAL ASPECTS OF THIS PROGRAM AND ITS RELATIONSHIP TO THE CORONA FOLLOW-ON.

END OF MESSAGE

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